

# AFCONA - S373



## Chemical Composition

Fluorocarbon modified polyacrylate.

## Product general description

Leveling and surface tension reduction agent for non-aqueous coatings.

## Product Properties:

AFCONA-S373 is an acrylic modified fluorocarbon. It is not silicone leveling agent, and will not cause inter-coat adhesion. However, it is recommended to be incorporated with selected silicone leveling agent to get better and full properties in advanced industrial top-coat.

AFCONA - S373 is a more cost-effective version of AFCONA - 3777 and AFCONA - 3773. The compatibility of AFCONA - S373 is in middle performance. And it has a good balance of leveling, rheology control and defoaming. So it is more generalization.

AFCONA-3773 has the following advantages:

- 1) no inter-coat adhesion problem
- 2) provides de-aeration and defoaming properties;
- 3) improves leveling;
- 4) prevents craters;
- 5) helps substrate wetting.

AFCONA – S373 is suitable for all kinds of solvent based systems. It is recommended for the following applications:

- 1) All baking system for leveling and anti-crater purposes, especially in coil coatings;
- 2) All polyurethane system for leveling, anti-crater and anti-foam purpose;
- 3) Epoxy system for leveling and anti-crater performances.

## Product Specification

Non-volatile matter	48 - 52%
Solvent	Xylene/alkylbenzene
Density at 20°C	0.93 – 0.95 g/cm <sup>3</sup>
Flash point	40°C
Colour	Max.3
Appearance	Transparent to slight yellowish liquid

## Addition and dosage

0.30 – 2.00% on total formulation. In general, under normal conditions, the dosage is 0.30 – 0.80% based on total formulation.

## Incorporation

AFCONA-S373 should be added at the end of the batch preparation.

## Storage

AFCONA-S373 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture. The expiry date is indicated on the container.

## Packaging

25kg and 190 kg non-returnable containers

AFCONA Polymers Co., Ltd.  
Web Site : [www.afcona.com](http://www.afcona.com)

This information and all further technical advice are based on our present knowledge and experience. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used. We reserve the right to make any changes according to science and technological progress or further developments.

This version replaces all previous ones.